

TABLE OF CONTENTS

| CHAPTER | | PAGE |
|----------------|--|-------------|
| ES | EXECUTIVE SUMMARY | ES-1 |
| 1.0 | INTRODUCTION | 1-1 |
| 2.0 | DESCRIPTION OF PROPOSED PROJECT..... | 2-1 |
| 2.1 | Automotive Test Course Facility | 2-1 |
| 2.2 | City Water Line Extension (Phase 1)..... | 2-7 |
| 2.3 | Project Impact Avoidance and Minimization Measures..... | 2-7 |
| 3.0 | PURPOSE AND NEED FOR THE PROPOSED ACTION..... | 3-1 |
| 3.1 | Purpose and Need for the Proposed Action | 3-1 |
| 3.2 | Regulatory Framework..... | 3-2 |
| 3.3 | Relationship of Proposed Project Site to Western Mojave Land Tenure Adjustment Program | 3-4 |
| 4.0 | DESCRIPTION OF THE AFFECTED ENVIRONMENT..... | 4-1 |
| 4.1 | Proposed Project | 4-1 |
| 4.2 | Proposed Compensation Land | 4-29 |
| 5.0 | ALTERNATIVES..... | 5-1 |
| 5.1 | No Action Alternative | 5-1 |
| 5.2 | On-Site Fencing Alternative | 5-3 |
| 5.3 | Alternative B-1: San Bernardino County Site | 5-4 |
| 5.4 | Alternative B-2: Riverside County Site..... | 5-5 |
| 5.5 | More Mitigation Alternative | 5-7 |
| 6.0 | ENVIRONMENTAL CONSEQUENCES | 6-1 |
| 6.1 | Alternatives | 6-1 |
| 6.2 | Cumulative Impacts—Proposed Project..... | 6-28 |
| 7.0 | HABITAT CONSERVATION PLAN | 7-1 |
| 7.1 | Biological Goals and Objectives..... | 7-1 |
| 7.2 | Adaptive Management..... | 7-11 |
| 7.3 | Monitoring | 7-12 |
| 7.4 | Permit Duration..... | 7-13 |
| 7.5 | Public Participation | 7-13 |
| 8.0 | FUNDING | 8-1 |
| 8.1 | Acquisition of Compensation Lands..... | 8-1 |
| 8.2 | Incidental Taking Minimization and Mitigation..... | 8-2 |
| 8.3 | Changed Circumstances | 8-2 |

| | | |
|------|--|------|
| 9.0 | UNFORESEEN CIRCUMSTANCES..... | 9-1 |
| 9.1 | Changed Circumstances | 9-1 |
| 9.2 | Impacts from Changed Circumstances | 9-1 |
| 9.3 | Responses to Changed Circumstances | 9-2 |
| 9.4 | Unforeseen Circumstances/No Surprises Policy | 9-2 |
| 10.0 | LIST OF PREPARERS | 10-1 |
| 10.1 | Public Agencies..... | 10-1 |
| 10.2 | Hyundai Corporation and Consultant Team..... | 10-1 |
| 11.0 | REFERENCES..... | 11-1 |

| | TABLE | PAGE |
|-------------|--|-------------|
| 2.1-1 | Project Element Grading Footprint..... | 2-3 |
| 4.1.2.2.-1 | Summary of Air Quality Data Mojave (Poole Street) Air Monitoring Station | 4-3 |
| 4.1.2.3.2-1 | Listed Wildlife Species with the Potential to Occur in the Vicinity of the Proposed Project..... | 4-9 |
| 4.1.2.3.2-2 | 2003 Desert Tortoise Survey Results | 4-12 |
| 4.1.2.4-1 | Archeological Studies and Previously Recorded Prehistoric Sites | 4-18 |
| 4.1.2.4-2 | Newly Recorded Prehistoric Sites within the Proposed Facility Area | 4-19 |
| 4.1.2.4-3 | Historic Sites within the Proposed Project Area..... | 4-20 |
| 4.1.2.9-1 | Existing Noise Levels | 4-29 |
| 5.1-1 | Summary of Adequacy of Proposed Project and Alternatives to Attain Project Objectives..... | 5-2 |
| 5.3-2 | Federally Listed Plant and Wildlife Species with the Potential to Occur at the San Bernardino County Alternative Site | 5-5 |
| 5.4-1 | Federally Listed Plant and Wildlife Species with the Potential to Occur at the Riverside County Alternative Site | 5-7 |
| 6-1 | Archeological Studies and Previously Recorded Sites..... | 6-4 |
| 6-2 | Known and Potential Prehistoric Sites within the Proposed Project Area | 6-8 |

| | FIGURE | FOLLOWS PAGE |
|-------------|--|---------------------|
| 1-1 | Proposed Project Phase 1 and Phase 2 Elements..... | 1-1 |
| 2.1-1 | Proposed Project | 2-1 |
| 2.2-1 | Water Pipeline Extension Detail | 2-7 |
| 4.1.1-1 | Regional Vicinity | 4-1 |
| 4.1.1-2 | Project Location | 4-1 |
| 4.1.1-3 | Topographic Map | 4-1 |
| 4.1.2.2-1 | Air Quality Monitoring Station Location | 4-2 |
| 4.1.2.3.1-1 | Plant Community Map..... | 4-4 |
| 4.1.2.3.2-1 | 2002 Desert Tortoise Survey Area..... | 4-9 |
| 4.1.2.3.2-2 | 2002 Desert Tortoise Survey Results | 4-10 |
| 4.1.2.3.2-3 | 2003 Desert Tortoise Survey Results | 4-11 |
| 4.1.2.3.2-4 | Mohave Ground Squirrel Survey Area Map | 4-13 |
| 4.1.2.3.2-5 | Mohave Ground Squirrel Survey Results..... | 4-13 |

| | | |
|-----------|---|------|
| 4.1.2.5-1 | Regional Geologic Map | 4-16 |
| 4.1.2.5-2 | Regional Fault Map | 4-23 |
| 4.1.2.7-1 | Proposed Automotive Test Course Project Site: Existing Drainage Conditions | 4-27 |
| 4.1.2.9-1 | Noise Monitoring Station Location | 4-29 |
| 4.2.1-1 | General Location of Proposed Mitigation Lands..... | 4-30 |
| 5.3-1 | Regional Location of the San Bernardino County Alternative Site..... | 5-4 |
| 5.4-1 | Regional Location of the Riverside County Alternative Site | 5-6 |

APPENDIX

- A Draft Desert Tortoise Translocation Program
- B 2003 Desert Tortoise Survey Report
- C Results of Directed Surveys for Desert Tortoise
- D Species Accounts for Hoover's Woolly-Star and Desert Tortoise
- E 2003 Desert Tortoise Preserve Committee Management Plan, Desert Tortoise Natural Area & Adjacent Lands
- F Desert Tortoise Preserve Committee Property Analysis Record
- G Draft Implementing Agreement
- H Draft Proposed Land Acquisition Implementation Plan
- I Draft Management Agreement